An inaugural essay metastasis . For the dique of books of medicine! The university of Permeylvania.

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of Southeardina. \_ 16 1825

The occurrence of perdodesis, or translation of sincere pure me fact of the system to another, has been noticed at of freezewal laws by Brysenaus, from a most on topywho to the freezewal, day. But from the imperfect anotomical, and fly subjects from the perfect of the immagination wife, and windered by the productions of the immagination wife, and windered by the production, or filler of head inon topology.

But which standing the great improvement in me dieal visure, and especially, in the knowledge of analong, and physiology, by which this subject is must lakely to be explained. I say, individualing all this, the subject of metastasis, has been little attended to, and the medium through which it is offseled, has not us yet been accurably inflavored, and were now, one Ideas on this subject, are perhaps, not far more accurate than those of Ilofonealis, who was content to observe, and appearate the phenomina, alteridant, on the translation of disease, without

attempting to reduce his views to any fixed principles.

It appears her from what has been said. That this, my be flaud among how inversemenable flowerina of paties, which, as yet esmain inexplicable, but which, from the accumulation of facts, or some newly discovered analog, may, in all pobability in the course of time, receive the discovered explanation.

I shall therefore, advance a few ideas on the manner, in which melastain, might feelings be explained, and indiavoice at liast to show, that it is of prejuent occurrence, and from its great practical importance, deserves the particular attention of the Physician, as, by emstaulty herfung it in view, and sometimes endeavoccing to promote, and at others to avent its occurrence, he may prejuently present or relieve. The sufferings of his fabricule, and efficient occurrences the shade important curs.

In intering, Therefore, more immediately upon the consideration of mediators, and in considering the various structures in which it may recee, the different directions

in which it takes place, and the suddenness with which a disease is sometimes translated from one part to another, it appears at once, that it would be difficult to deave any difficult conclusions upon the precise manner.

in which it is effected.

I am nevertheless, from the consideration of the ana tomical strending, and from the great number of east large upils, distributed throughout the system, by which the whole body seems enveloped, as it were, in a net, work of close and small mishes, which from the me decement of a constant communication between its reme test facts, induced to believe, that it is through the medium, of this system of vepils, influenced fully by the news, and bloodupels, that the translation of disease is effected.

In the conclusion of think I am supported, by the observation of all those, who have altended to this subject, and it is an obvious deduction from a comfacion of the cases of metastasis, which have, at

different times been exercised. and from an ablitude commenter of which, this conclusion evidently results. In one, in examining this subject to Alteritively, and upon become, but wife admit that where then apple an execut, but will admit that where then apple as most numerous, and that there has no would the continuates are were the

capillary system, mostly predominates, are very often. The state of metastasis, whelst those parts, in which there wefrels are lift numerous, and upon which, few capillary reports are distributed, appear little affected by the diseases, of other organs, and are seldom the

seats of metastasis.

Having stated it then, not as a well ascertained fact, but as the only conclusion, which I have been able to deduce from the facts, which have been a conduct, that it is, through the medium, of the capit lay refers, influenced perhaps, as before stated, by the news, and bloodrefsels, that the translation of discusses is effected. I am, from similar considuation

-ons induced, also to believe, that, the metastatic action is influenced very much, by the different of structures of the body, or that, contries parishus, a disease passing from one part, is most likely to be, transhated to another, of a similar structure to that, in which it was previously located. This is evidently the ease, in visarious he mourhages, or what may otherwise be turned, hermourhagie instastasis, the truth of which, no one will day, who is aware of the numerous instances, in which, hummouhages from the mucous membrane of one part, having been suppressed, have suddenly ofbeared, and been discharged from the murous surface of some other. And which is sufficient by illustrated, by the numerous instances, in which, he smouhages from the Uterus, having been suppressed, have made their appearance, and been discharged, from the branchia, nostuls. and other parts of similar structure.

he proportion from the Whi udeleler dischet out house Having thus far, only endeavoured to advance a few general ideas upon the manner, in which metastasis, might be accounted for. I have next to show, according to my arrangement of the subject, that it is of frequent occurrence, but which from the numerous eases on record, no preson will pertend to day, and consequently needs no further prof.

I shall, there for pays on to the next, and meet important fact of the subject, and endeavour to show, as before stated, that it desires the factivities attention of the physician, as it is by constantly puping it in view, and sometimes endeavouring to promote, and at others, to assect its occurrence that he may frequently prevent, or relieve the sufficients of his patient and effect important

It may, therefore, be laid down as a general principle, that, whenever vital parts are affected, or any highly important organ in the animal

machine, the least decangement of whose functions might were endangenthe life of the individuals is the real of disease, we should always, an der such circumstances as then, endeavour to promote the action of metastairs, by which the disease may be beaustated to some others, life of untial fact.

in the animal recommy.
To illustrate this more fully, and without adverting to the numerous cases recorded by truiar, Hoffman and others, some of which are highly interesting. I will whate the case of thety Hillam, as recorded by De Varish in the celestic exputing for 1812, and which is as follows: "It the time I visited her says the Tenter. "The was labouring under cough, frequent chills and fuer, and I believed her disease to be published pulmonals in an incipient state. The first time I sawher, she called my attention to sweet large serofulous tumours with advertion to sweet large serofulous tumours with advertion to sweet large serofulous tumours with

pain, and for which she was desirous of obtaining selief. As my attention had for a considerable time been facticularly directed to the subject, I viewed her ease as uncommonly interesting, and deturning on giving a trial to the officery of the cytunal Lessase in removing the internal. Emolleent apple cations were ordered to the tumefied pasts, while palli satistic aemedies were prescribed for the cough. Tuppena tion took place, and the absorpes were spened, a copious dis charge was established, and happily for the patient there was an evident decline of the pulmonary complaint. I endeavoured to impress her with the absolute nearly by if heeping the absertes open, and she appeared convin seed of the correctness of the practice. Her recovery was not rapid but has proved certain? It would be unlist to quote further, the details of this case, it will, therefore, be sufficient to state, that the last time Dr Parish heard from this poteent she was in the informent of good health.

oblinery.

The success them of this case, and of numerous other equally intensions and succeptful, but which my limits with not premit one to insect, is, I think, a pully face comment on the correctings of the practice, and sufficiently shows the prepriety of and accounting to premit the translation of disease, from what parts

to those left espendial to life.

Admilling then the propriety, of endeavoccing to promote a melastadic astron, in cases similar to those above mentioned, and, that by so doing, the leves of many have, perhaps, been feelinged, and then sufferings alleveated. It only economies to mution a few general execumstances, ruder which, it will be needery to endeavour to prevent the occurrence of melastars and to relain the disease in its farmary real. The cases of this head are obviously those, which, setuated in parts little effection to the formary the consequently, are inconsidered to life, have consequently, are inconsidered.

by improper treatment, might be thrown upon other more important parts, and thereby become a source of much fain, and perhaps endanger the patients life. To this class may be refered, most of the culane ous affections, and particularly those of long stan -ding, which, should always be treated with great caretion. And to ellustrate the neepity of which, more fully, it will only be necessary to reper to several cases noticed by Ferrian, and more particularly to one, in which it is stated, that epileptic fits were produced by the retroughion of the itch, in conseq - quence of some external application, and in which case, the epilepsy resisted all the usual methods, and was only enred by reproducing the itch.

The importance therefore, of alterding to melastate phenomina, may be inferred from the foregoing observations. And it should be laid down as a general rule in practice, that, in all the chionic diseases of internal and vital parts, we

Should endeavour to pavour a translation of the six and to the external surprise. But if on the contract, the disease already exists in this seturation, it is then necessary, that we should great against a translation. To more enternal, and vital parts, and thereby prevent disagreeable consequences, which otherwise night neem.

